

10/06087

CNC

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In the claims:

Claims 1-59. (canceled)

60. (currently amended) A computer system comprising:

(a) a database comprising quantitative gene expression information from identifying the expression level of at least one toxicity marker in a liver tissue or cell or tissue sample exposed to at least one toxin and quantitative gene expression information from a liver cell or tissue sample exposed to the toxin excipient; and

(b) software that allows a user to compare quantitative gene expression information obtained from a liver cell or tissue sample exposed to a test agent to the quantitative gene expression information in the database to -a hepatotoxin, wherein the expression level of said at least one toxicity marker predicts-predict whether the test agent is a toxin cell or tissue sample has been exposed to a hepatotoxin.

61. (currently amended) A computer system of claim 60, wherein the database further comprises sequence information for at least the at least one gene toxicity marker.

62. (currently amended) A computer system of claim 60, wherein the database further comprises information identifying the expression level of the at least one gene toxicity marker in the tissue or cell sample before exposure to a toxin hepatotoxin.

63. (currently amended) A computer system of claim 60, wherein the database further comprises information identifying the expression level of the at least one gene toxicity marker in a tissue or cell sample exposed to at least a second toxin hepatotoxin.

64. (currently amended) A computer system of claim 60, wherein the database further comprises records including descriptive information from an external database, which information correlates said at least one gene marker to records in the external database.

65. (previously presented) A computer system of claim 64, wherein the external database is